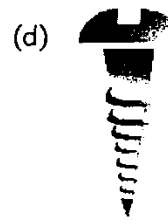
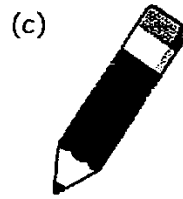
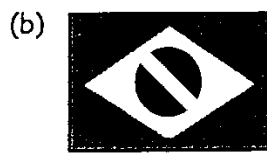
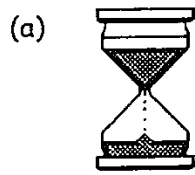


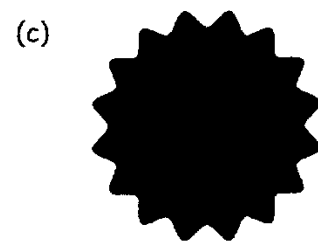
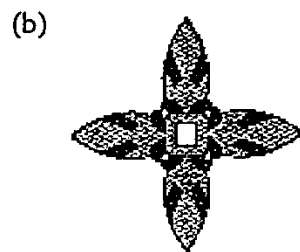
## Symmetry

1. Do these shapes have line symmetry? Answer YES or NO.

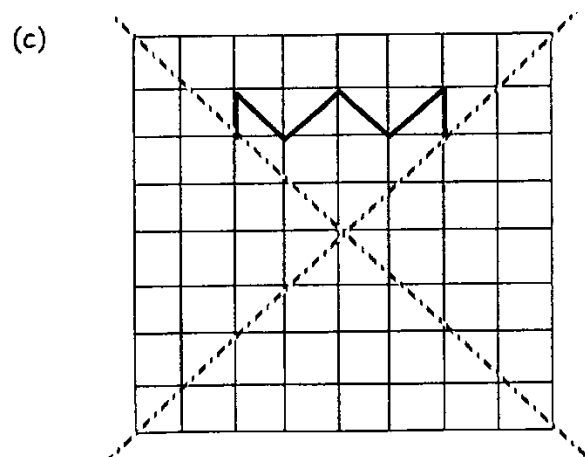
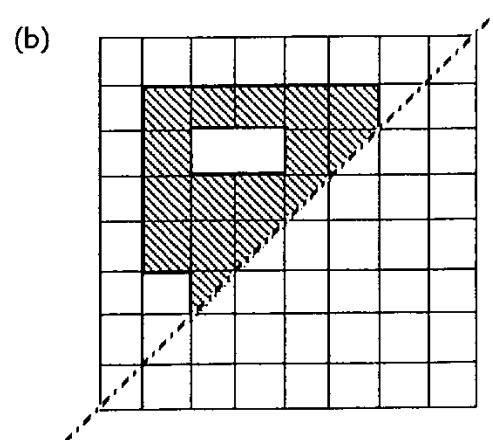
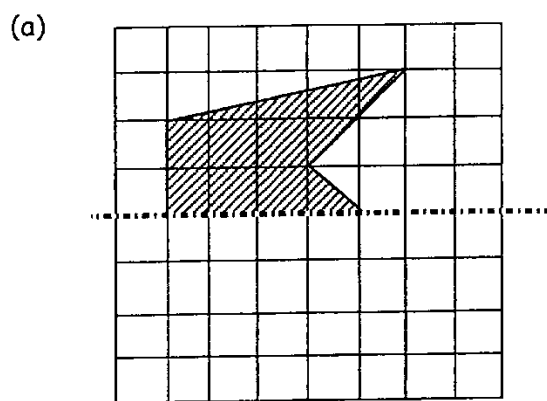


2. Neatly, draw a 5 sided shape which has ONLY ONE line of symmetry.

3. Write down how many lines of symmetry there are in each of the following shapes :-



4. Copy each figure carefully and complete each one so that the dotted lines are axes of symmetry.





5. Each of the shapes shown below has rotational symmetry.

For each shape :-

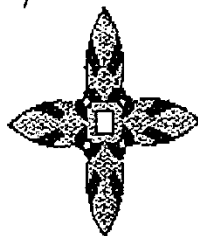
(i) Say what kind of "turn" symmetry it has ( $\frac{1}{2}$ ,  $\frac{1}{3}$ ,  $\frac{1}{4}$  .... etc)

(ii) State the ORDER of rotational symmetry.

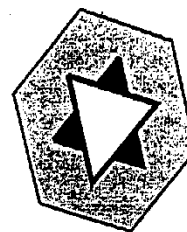
(a)



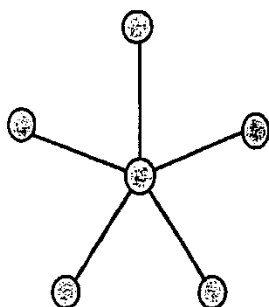
(b)



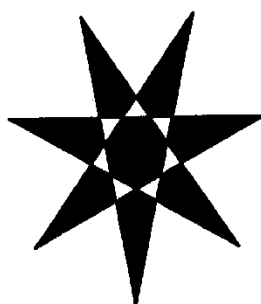
(c)



(d)



(e)

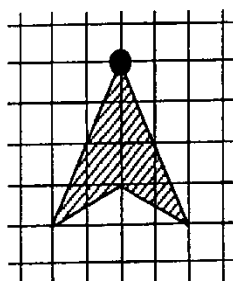


(f)

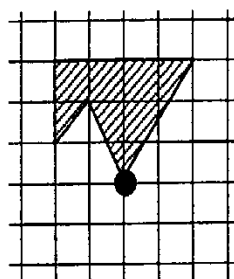


6. Copy these two shapes and give each of them a half turn about the dot :-

(a)



(b)



7. (a) Make a copy of this rhombus-shaped tile.  
(b) Completely surround it with eight congruent tiles to show that the rhombus will "tile the plane".

